

Recovery Plan Action Status

Plan Name: Seven Coastal Plants and the Myrtle's Silverspot Butterfly Recovery Plan

Plan Status: Final

Plan Date: 29-Sep-98

Lead Agency: USFWS

Lead Office: Ventura Fish And Wildlife Office

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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Myrtle's silverspot butterfly (Speyeria zerene myrteleae)	1	1.7	Protect Myrtle's silverspot butterfly habitat	Ongoing Current			To be determined	Acquisition: Easement	Internal Field Assistance	Habitat at Point Reyes National Seashore is all protected. This habitat supports the largest known population of the Myrtle's silverspot. The habitat is also managed by grazing to prevent seral succession and to limit the effects of invasive plants.
Menzies' wallflower (Erysimum menziesii), Howell's spineflower (Chorizanthe howellii), Monterey spineflower (Chorizanthe pungens var. pungens), Myrtle's silverspot butterfly (Speyeria zerene myrteleae), Monterey gilia (Gilia tenuiflora ssp. arenaria), Clover lupine (Lupinus tidestromii), Beach layia (Layia carnosa)	1	2.11	Minimize invasive plant threats on private land	Partially Complete			U.S. Bureau of Land Management	Work type not yet selected	Labor type not yet selected	Habitat restoration (exotics removal) has been ongoing by NGO's for many years at Humboldt Bay and Monterey Bay for Erysimum menziesii and/or Layia carnosa.

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										lupine was removed (which is known to facilitate invasion by non-native species by increasing nitrogen and organic content).
Myrtle's silverspot butterfly (Speyeria zerene myrtleae)	1	2.2	Deter poaching - silverspot	Ongoing Current	FY 1995 - FY 1999		Local Lead Agencies [California coast, Myrtle's Silverspot/Seven coastal plants habitat]	Management: Depredation Control	Internal Field Assistance	
Myrtle's silverspot butterfly (Speyeria zerene myrtleae)	1	3.22	Myrtle's silverspot butterfly life history	Not Started				Research: Habitat Requirements	Internal Field Assistance	
Myrtle's silverspot butterfly (Speyeria zerene myrtleae)	1	3.3	Investigate grazing effects on Myrtle's silverspot butterfly	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	To be determined	Research: Habitat Requirements	Graduate Student	Subject of 2004 MS thesis by Dawn Adams
Myrtle's silverspot butterfly (Speyeria zerene myrtleae)	2	3.5	Determine habitat requirements for butterfly	Not Started			U.S. Fish and Wildlife Service, To be determined	Research: Habitat Requirements	Internal Field Assistance	
Myrtle's silverspot butterfly (Speyeria zerene myrtleae)	2	4.81	Establish working group -Silverspot	Not Started			U.S. Fish and Wildlife Service	Research	Internal Field Assistance	
Myrtle's silverspot butterfly (Speyeria zerene myrtleae)	2	4.82	Implement guidelines - Silverspot	Ongoing Current	FY 1995 - FY 1999		To be determined	Research	Internal Field Assistance	

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